



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C3-HC-OH
Job Sheet 174748



Part No: C3-HC-OH

Job Qty: 1 ea

Part Name: C-Series Remote Hook 3,000 lbs Lift Capacity With Cage



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/21/18

Job Tracking No: RA201 - 03-2053-09

Due Date: 3/22/18

Created By: Linda Lacelle

Type: Return

Description:

Note: (Copied from part C3-HC-AR)

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		3/22/18	0.00	0.00	Start Up Small Fab-1		cmf 18/03/27
100	QC	1 pcs		3/22/18	0.00	0.00	QC5		SR
110	Packaging	1 pcs		3/22/18	0.00	0.00	Packaging3		
120	QC21-FG	1 Ea		3/22/18	0.00	0.00	QC21		cmf 18/03/28

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C3-HC-AR	C-Series Remote Hook 3,000 lbs Lift Capacity With Cage	1 Ea (1 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	C3-HC	1	0	0

Part Specifications

Specifications could not be found.

Plex 3/21/18 10:09 AM dart.lacelle.linda

PASSED TEST ,BUT LOAD BEAM DO NOT RETURN
IN CLOSED POSITION AS SUPPOSE TO.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER : _____							

Inspection Sheet Complete

RA201

Customer QA Ref #

0

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order instructions
C10	AC10006	1	☐ yes	☐ yes	☐ yes	☐ yes	CUSTOMER SUPPLIED	S040750	Customer supplied part. Customer sending C10 AC10006 for testing Perform test as per Remote Cargo Hook Test Form C10. Return to customer
C3-HC	03-2053-09	1	☐ yes	☐ yes	☐ yes	☐ yes	CUSTOMER SUPPLIED	S040751	Customer supplied part. Customer sending C3-HC for testing but only received C3 serial# 03-2053-09 Perform test as per Remote Cargo Hook Test Form C3. Return to customer.
SWA6A-2	03-2090-01	1	☐ yes	☐ yes	☐ yes	☐ yes	CUSTOMER SUPPLIED	S040752	Customer supplied part. Customer sending SWA6A-2 serial# 03-2090-01 for testing. Preform test as per Electric Swivel SWA6A. Return to customer.
SWA3-2	2041-07 and AC110	2	☐ yes	☐ yes	☐ yes	☐ yes	CUSTOMER SUPPLIED	(AC11024)/ S040754(03-	Customer supplied part x2. Customer sending SWA3-2 serial# 03-2041-07 and serial# AC11024 for testing. Preform test as per Electric Swivel SWA3. Return to customer.
0		0	☐ yes	☐ yes	☐ yes	☐ yes			
0		0	☐ yes	☐ yes	☐ yes	☐ yes			

QC Approval: P.D. _____

Date: 20-Mar-18 _____



Remote Cargo Hook Test Form

C3

MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!

NEW SOLENOID (152951-001)

Work Order

174748

Customer

Serial Number

03-2053-09

Date

2018/03/26

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	7,500	Static Hold	Hold for two minutes and reduce load to zero	N/A	PASS
10	1,500	Electircal, 25 volts	No "hang ups" permitted	N/A	PASS
2	3,000	Electircal, 22 volts	Current shall not exceed 12.8 A	9.5 A	PASS
2	2,500	Electircal, 22 volts	Current shall not exceed 12.8 A	9.5 A	PASS
2	2,000	Electircal, 22 volts	Current shall not exceed 12.8 A	9.5 A	PASS
2	1,500	Electircal, 22 volts	Current shall not exceed 12.8 A	9.5 A	PASS
2	500	Electircal, 22 volts	Current shall not exceed 12.8 A	9.5 A	PASS
1	3,000	Electircal, 20 volts	Current shall not exceed 11.6 A	8.5 A	PASS
1	3,000	Electircal, 28 volts	Current shall not exceed 16.2 A	12.0 A	PASS
1	3,000	Manual		N/A	PASS
1	3,000	Impact Test	Impact shackle 10x , shall not release	N/A	PASS
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ω	1.9 Ω	PASS
1	N/A	Electircal Continuity	Across both wires	N/A	PASS

Test Conducted By:

AMIN PATRY

Technician

Submit

Signature:

Director of Quality Assurance



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

Pick list

Shipper Info

Shipper No: 02744



Order No: 3334

Customer: Canadian Helicopters Limited - CHL

Ship To: 1215 Montee Pilon
Les Cedres QC J7T 1G1
Canada

Ship Via: FedEx P1

Scheduled Ship Date: 3/28/18

Shipping Instructions:

ALL ITEMS TO BE TESTED

PRIOR TO ITEMS BEING RETURNED

COST ESTIMATE/ WORK AUTHORIZATION TO BE SUBMITTED VIA EMAIL ONLY TO
avolckaert@hzn.com Arthur Volckaert 450-452-3030

FEDEX P1 ACCT# 122371921

NOTE: customer will perform remaining work at their facility.

always Fed Ex PI unless stated otherwise- DOCUMENTATION BY USB - DO NOT INSURE
SHIPMENTS -

DAS
DAS 27
28 9-89
9-89

MAR 28 2018

70 lbs

30x24x9

Part	Customer Part	Part Name	Change No	Release Qty	Loaded Qty	Loaded Count	Location	Master Unit	Containers	Serial No/Batch	Qty	Gross Weight	Oldest
C10-OH	C10	C-Series Remote Hook 10,000 lbs Lift Capacity		1	0	0	GA		1		1	0	3/27/18
									S055557	S055557	1	0	3/27/18 1:57 PM
C3-OH	C3	C-Series Remote Hook 3,000 lbs Lift Capacity		1	0	0			0		0	0	
SWA3-2-OH	SWA3-2	Electric Swivel 3,000 lb Safe Work Load (1,360 kg)		1	0	0	GA		2		2	0	3/27/18
									S055542	S055542	1	0	3/27/18 1:50 PM
									S055546	S055546	1	0	3/27/18 1:51 PM
SWA3-2-OH	SWA3-2			1	0	0	GA		2		2	0	3/27/18
									S055542	S055542	1	0	3/27/18 1:50 PM
									S055546	S055546	1	0	3/27/18 1:51 PM

Part	Customer Part	Part Name	Change No	Release Qty	Loaded Qty	Loaded Count	Location	Master Unit	Containers	Serial No/Batch	Qty	Gross Weight	Oldest
SWA6A-2-OH	SWA6A-2	Electric Swivel 6,000 lb Safe Work Load (2,721 kg)		1	0	0	GA		1		1	0	3/27/18
									S055553	S055553	1	0	3/27/18 1:56 PM